



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/881,547	06/14/2001	Yu-Li Chang	S01.12-0712/STL 9698

CONFIRMATION NO. 6844

FORMALITIES LETTER



OC00000006416017

Deirdre Megley Kvale
Westman, Champlin & Kelly
International Centre, Suite 1600
900 Second Avenue South
Minneapolis, MN 55402-3319

COPY OF PAPERS
ORIGINALLY FILED

Date Mailed: 08/13/2001



NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$144.
 - \$144 for 8 total claims over 20.
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 984.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

A copy of this notice MUST be returned with the reply.

7267 S 20
Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 3 - OFFICE COPY

09881547.021.102



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Yu-Li Chang et al.

Appln. No.: 09/881,547

Filed : June 14, 2001

For : DRIVE LEVEL FLOW-FIELD
CONDITIONING TO REDUCE FLOW
FIELD TURBULENCE

Docket No.: S01.12-0712

Group Art Unit:2652

RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

DAY OF January, 2002
Deutsche Kvale
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of
Application - Filing Date Granted dated August 13, 2001, Applicant
encloses the following documents to complete the above-identified
patent application filed June 14, 2001:

1. Our check in the amount of \$1,014 (to cover the filing
fee \$740, \$144 for extra claim fee and surcharge fee of
\$130).
2. Declaration executed by the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Notice to File Missing Parts of Application-Filing Date
Granted.
5. Letter to the Official Draftsperson.
6. Twelve (12) sheets of formal drawings.
7. Petition for Three-month Extension of Time.
8. Our check in the amount of \$920.00.

09881547-021102

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,
WESTMAN, CHAMPLIN & KELLY, P.A.



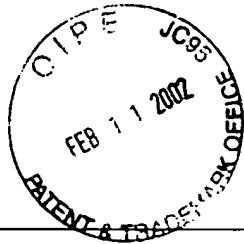
By: _____

Deirdre Megley Kvale
Deirdre Megley Kvale, Reg. No. 35,612
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900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

DMK:tas

09881547-021102

FEE TRANSMITTAL



Complete if Known

Application No.	09/881,547
Filing Date	June 14, 2001
First Named Inventor	Yu-Li Chang et al.
Title	DRIVE LEVEL FLOW-FIELD CONDITIONING TO REDUCE FLOW FIELD TURBULENCE
Group Art Unit	2652
Examiner Name	
Atty. Docket Number	S01.12-0712/STL 9698

Total Amount of Payment \$ 1014

METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.
Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
101	740	201	370	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	740	208	370	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Prov. Filing Fee
Subtotal (1) \$ 740				

2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	28	20	8	18	144
Indep.	3	3	0	84	0

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity	Small Entity			
Fee	Fee	Fee	Fee	Description
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple Dependent Claims
109	84	209	42	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) \$ 144

FEE CALCULATION (Continued)

3. ADDITIONAL FEES

Large Entity	Small Entity				
Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
105	130	205	65	Surcharge - Late filing fee or oath	130
127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For Filing a Request for Reexamination. (ex parte)	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	280	980	Extension for reply within fifth month	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
148	110	248	55	Terminal Disclaimer Fee	
140	110	240	55	Petition to Revive - unavoidable	
141	1,310	241	670	Petition to Revive - unintentional	
142	1,310	242	670	Utility/Reissue issue fee (inc. advance copies)	
143	490	243	260	Design issue fee (inc. advance copies)	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	

Other Fee (specify) _____

Subtotal (3) \$130

Signature Deirdre Megley Kvale
(Deirdre Megley Kvale)

Reg. No. 35,612

Date 4/11/02

Deposit Account No. 23-1123

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Yu-Li Chang et al.

Batch No:

Appln. No.: 09/881,547

Allowed:

Filed : June 14, 2001

Group Art Unit: 2652

For : DRIVE LEVEL FLOW-FIELD
CONDITIONING TO REDUCE FLOW
FIELD TURBULENCE

Examiner:

Docket No.: S01.12-0712

LETTER TO OFFICIAL DRAFTSPERSON

Box, Issue Fee
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

4 DAY OF January, 2002

Deirdre E Kvale
PATENT ATTORNEY

Sir:

Enclosed are **twelve** (12) sheets of formal drawings for
filing in the above-identified application.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By

Deirdre Megley Kvale, Reg. No. 35,612
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